

REMARKS/ARGUMENTS

Reconsideration and withdrawal of the rejections of the application are respectfully requested.

I. STATUS OF THE CLAIMS AND FORMAL MATTERS

Claims 1-9 are pending in this application. Claims 1-9 are hereby amended.

II. REJECTIONS UNDER 35 U.S.C. §102 and 35 U.S.C. §103

Claims 1-6, 8, and 9 were rejected under 35 U.S.C. § 102(b) as allegedly anticipated by U.S. Patent No. 5,991,108 to Ohta (hereinafter, "Ohta"). Claim 7 was rejected under 35 U.S.C. § 103(a) as allegedly unpatentable over Ohta in view of U.S. Patent No. 6,421,196 to Takayama et al. (hereinafter "Takayama").

Claim 1 recites, *inter alia*:

"A recording/reproducing apparatus ... comprising ...

... crosstalk cancellers of plural channels for generating pseudo crosstalk signals of respective channels on the basis of the reproduction signals and the cause signals of respective channels **which are read out from an extension bit or bits of the memory means of plural channels to cancel crosstalk signals included in the reproduction signals of respective channels.**" (Emphasis added)

As understood by Applicant, Ohta relates to a recording and reproducing apparatus having a simultaneous reproducing function. An adaptive filter outputs a pseudo crosstalk signal which approximates to frequency characteristics of crosstalk components leaking from recording data into a reproduced signal. A subtractor subtracts the pseudo crosstalk signal from the reproduced signal, thereby canceling the crosstalk components.

As understood by Applicant, Takayama relates to a method and apparatus for controlling a recording medium in which a recording medium is recognized by reading identification information from a non-contact type memory of the recording medium via a remote memory interface.

Applicant respectfully submits that Ohta and Takayama, taken either alone or in combination, do not teach or suggest the above identified features of claim 1. Specifically, Ohta and Takayama do not teach or suggest crosstalk cancellers of plural channels for generating pseudo crosstalk signals of respective channels on the basis of the reproduction signals and the cause signals of respective channels **which are read out from an extension bit or bits of the memory means of plural channels to cancel crosstalk signals included in the reproduction signals of respective channels**, as recited in independent claim 1.

As supported in paragraph 59 of the present application, recording signal crosstalk is cancelled by post-processing on the basis of recording data, i.e., crosstalk cause signals stored in extension bits of frame memories. To the contrary, Ohta fails to disclose a memory means which would allow crosstalk cancellation to be performed in post-processing. Ohta, in fact, teaches away from the present invention in that, as described in column 2, lines 40-45, information used for crosstalk cancellation is disposed of in real-time, i.e. crosstalk cancellation must be performed in real-time.

Applicant submits that the significance of cause signals of respective channels read out from an extension bit or bits of a memory means resides in that crosstalk canceling may be performed in a post-processing step, thereby realizing a higher transfer rate during recording and reproducing.

Further, Takayama fails to cure the deficiencies of Ohta.

Therefore, Applicant submits that independent claim 1 is patentable.

For reasons similar to, or somewhat similar to, those described above with regard to independent claim 1, independent claim 9 is patentable.

III. DEPENDENT CLAIMS

The other claims in this application are each dependent on an independent claim discussed above, and are therefore believed patentable for at least the same reasons. Since each dependent claim is also deemed to define an additional aspect of the invention, however, the individual reconsideration of the patentability of each on its own merits is respectfully requested.

CONCLUSION

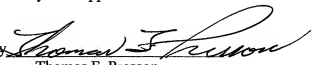
In the event the Examiner disagrees with any of statements appearing above with respect to the disclosures in the cited reference or references, it is respectfully requested that the Examiner specifically indicate those portions of the reference or references providing the basis for a contrary view.

Please charge any additional fees that may be needed, and credit any overpayment, to our Deposit Account No. 50-0320.

In view of the foregoing amendments and remarks, it is believed that all of the claims in this application are patentable and Applicants respectfully request early passage to issue of the present application.

Respectfully submitted,

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